

AMENDMENTS TO THE SPECIFICATION

Please delete the paragraph bridging pages 114-115.

Please amend the paragraphs added on page 115, by amendment of March 8, 2004, as follows:

~~Fig 8A and B~~ Figs. 7A and B show TPO given to healthy donors: Results of TPO clinical trials from recent research on healthy platelet donors, as compared to our computer simulation results. (A) Comparison of experimental data from the literature (~~dots dotted line~~) and our model simulation (solid line without dots). In both cases, TPO was given as a single IV dose of 1.2 $\mu\text{g}/\text{kg}$ on day 0. (B) Comparison of the same experimental data (~~dots dotted line~~) and our proposed TPO administration protocol; the total dose in the simulated protocol was 0.3 $\mu\text{g}/\text{kg}$ (solid line without dots).

Figs. 9A and B ~~8A and B~~ show TPO with chemotherapy: (A) Results of clinical trials from recent research on thrombocytopenia induced in patients receiving single carboplatin chemotherapy on day 0 (dots connected by a continuous line), as compared to our model simulation of these results (continuous solid line without dots). (B) The same experimental data (dots connected by a continuous line) compared to simulations of the same chemotherapy protocol, with addition of “conventional” TPO as a single IV dose of 1.2 $\mu\text{g}/\text{kg}$ on day 0 (continuous solid line without dots) and simulations of the same chemotherapy protocol combined with our proposed TPO protocol, using a total of 0.3 $\mu\text{g}/\text{kg}$ TPO (dotted line).